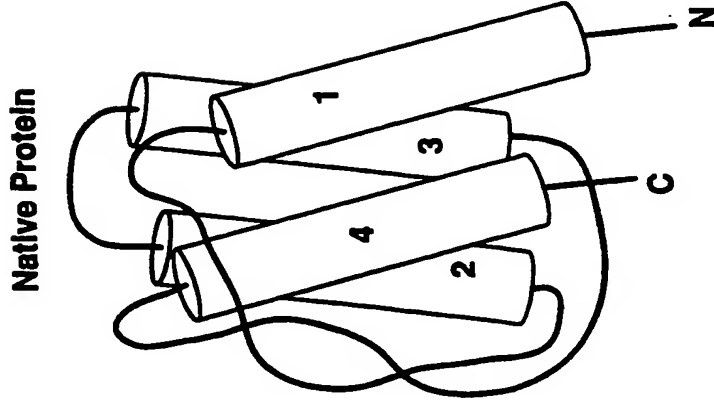
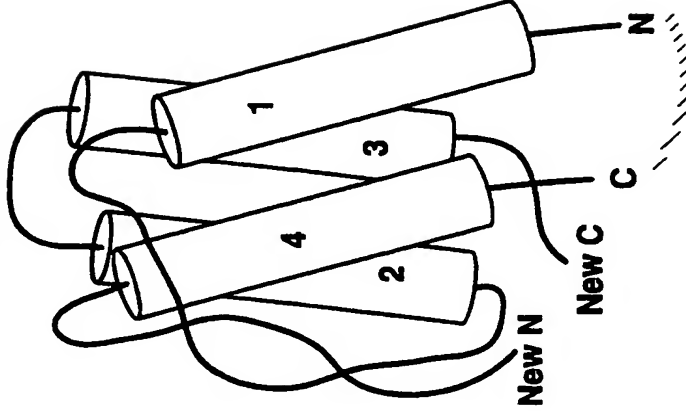


FIG.1

Native Protein



Sequence Rearranged Protein



Key



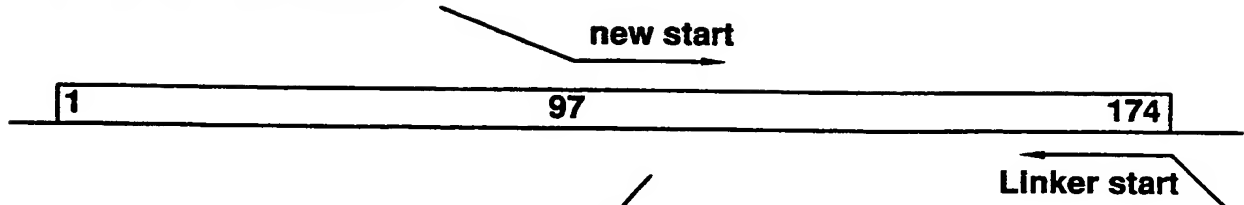
Periodic secondary structure



Linker

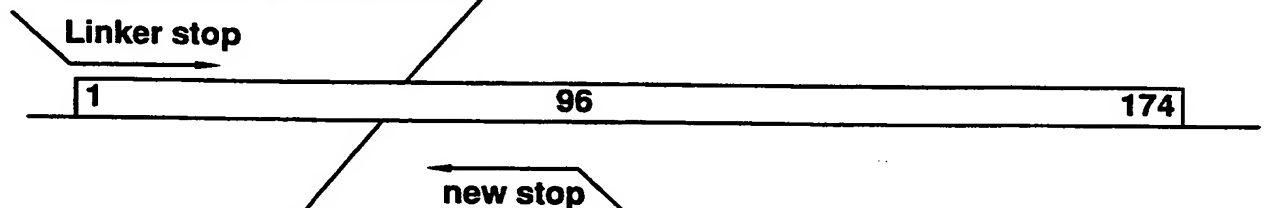
FIG.2

first step PCR amplification



generates "Fragment Start"

second step PCR amplification



generates "Fragment Stop"

Fragment Start

Fragment Stop

97

174 linker

linker 11

96

third step PCR amplification

anneal fragments



add oligos new start
and new stop



FIG.3

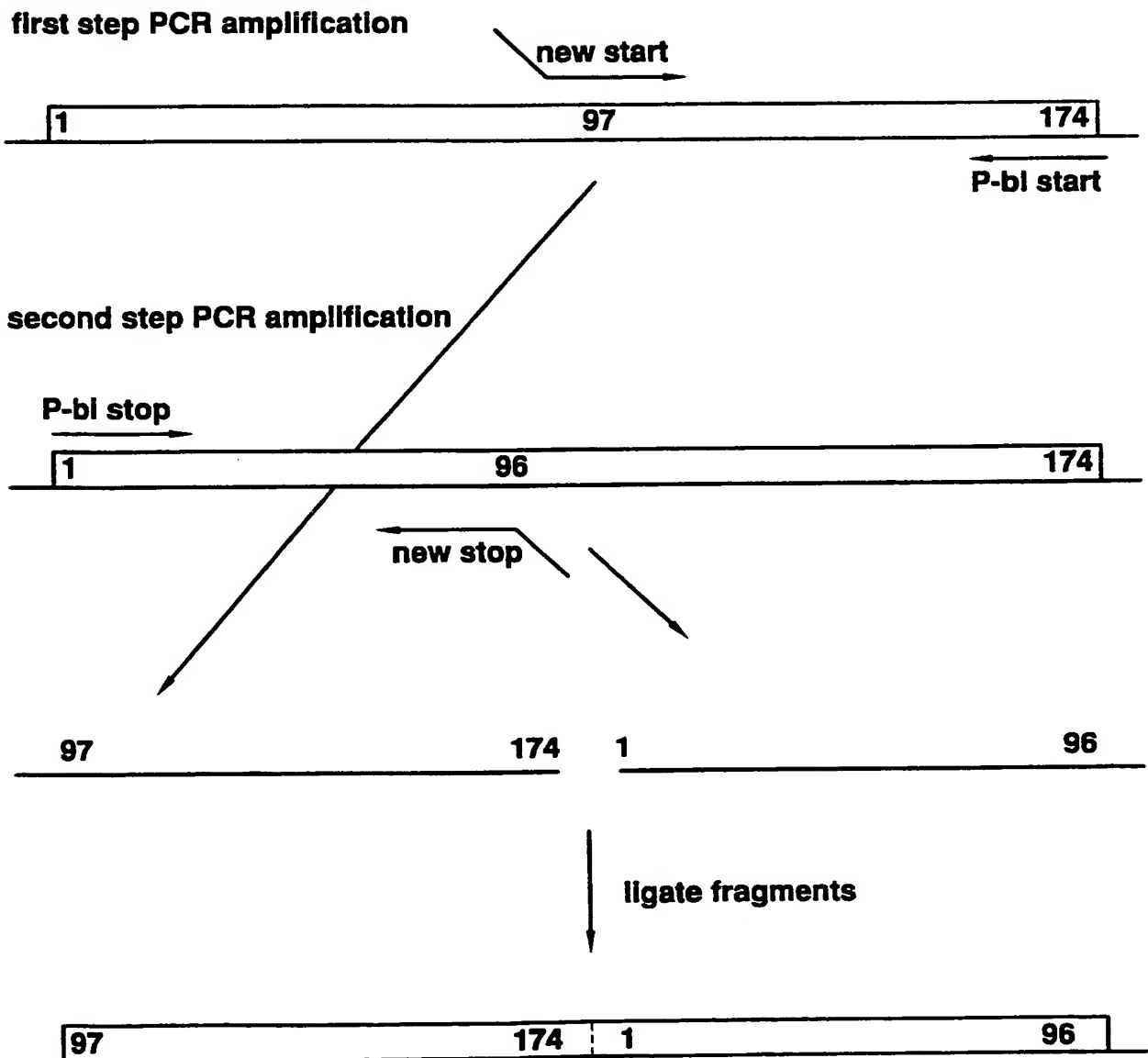


FIG.4

I. Construct tandemly-duplicated template



II. PCR-amplify tandemly-duplicated template

